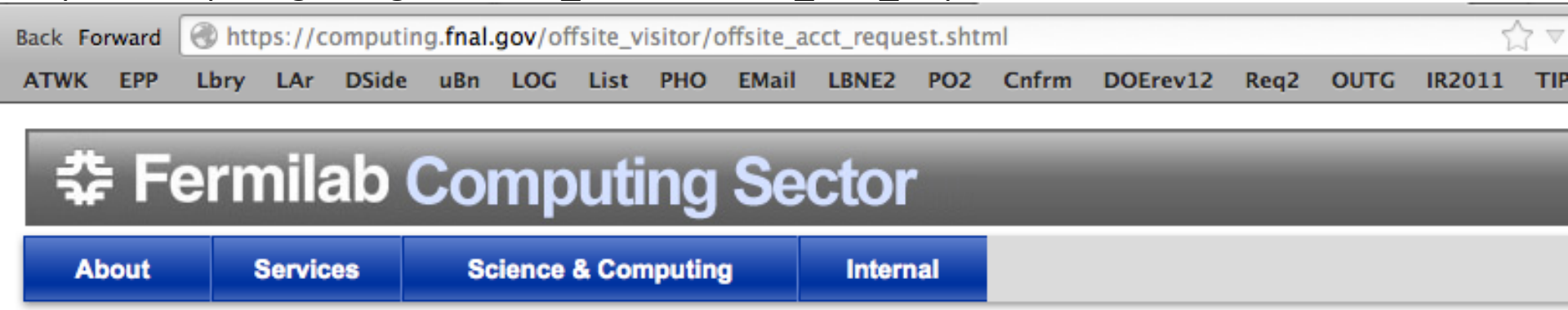
https://computing.fnal.gov/offsite_visitor/offsite_acct_request.shtml



Request for Fermilab Visitor ID and computer accounts

There are 5 pull-down menus.
Provide your affiliation : select E-1000 in the 1st pull-down which asks for your experiment – it is there.
Provide your information : select something as close as you care in the 2nd (professional class)
Provide Fermilab contact person information : I am your contact (Stephen Pordes,+1 630 840 3603, stephen@fnal.gov)
Select a user name for your Fermilab accounts : do not miss the security question (3rd pull down). Most people will not need a cryptocard –select No unless you know you need one (4th pull-down)
Your initial Kerberos & Services Account password : please note the account is not setup even though you have the initial password
At the very bottom, you are asked if you have read and agree to abide by the rules in the Fermilab Policy on computing (pull down 5).

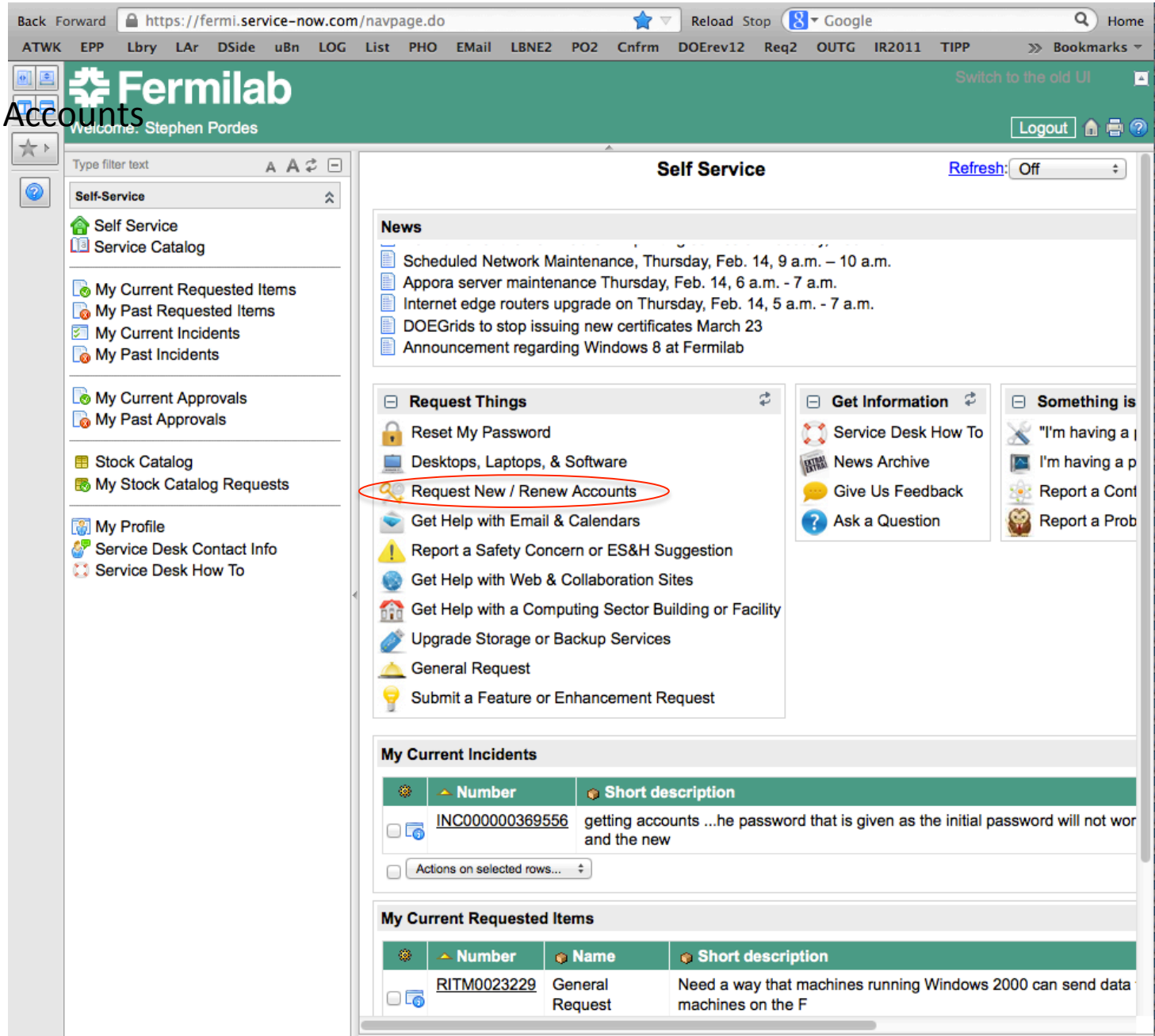
This form generates a mail to me and Cristiano to approve the account. You should get a mail that your account has been setup within one working day of the `account approve' mail that I or Cristiano send.

When you have your Fermilab general account, for analysis you need an account on fnalu – the central unix cluster. You can go through the other sheets here - or just let me know you have your account and I will get the unix account for you.

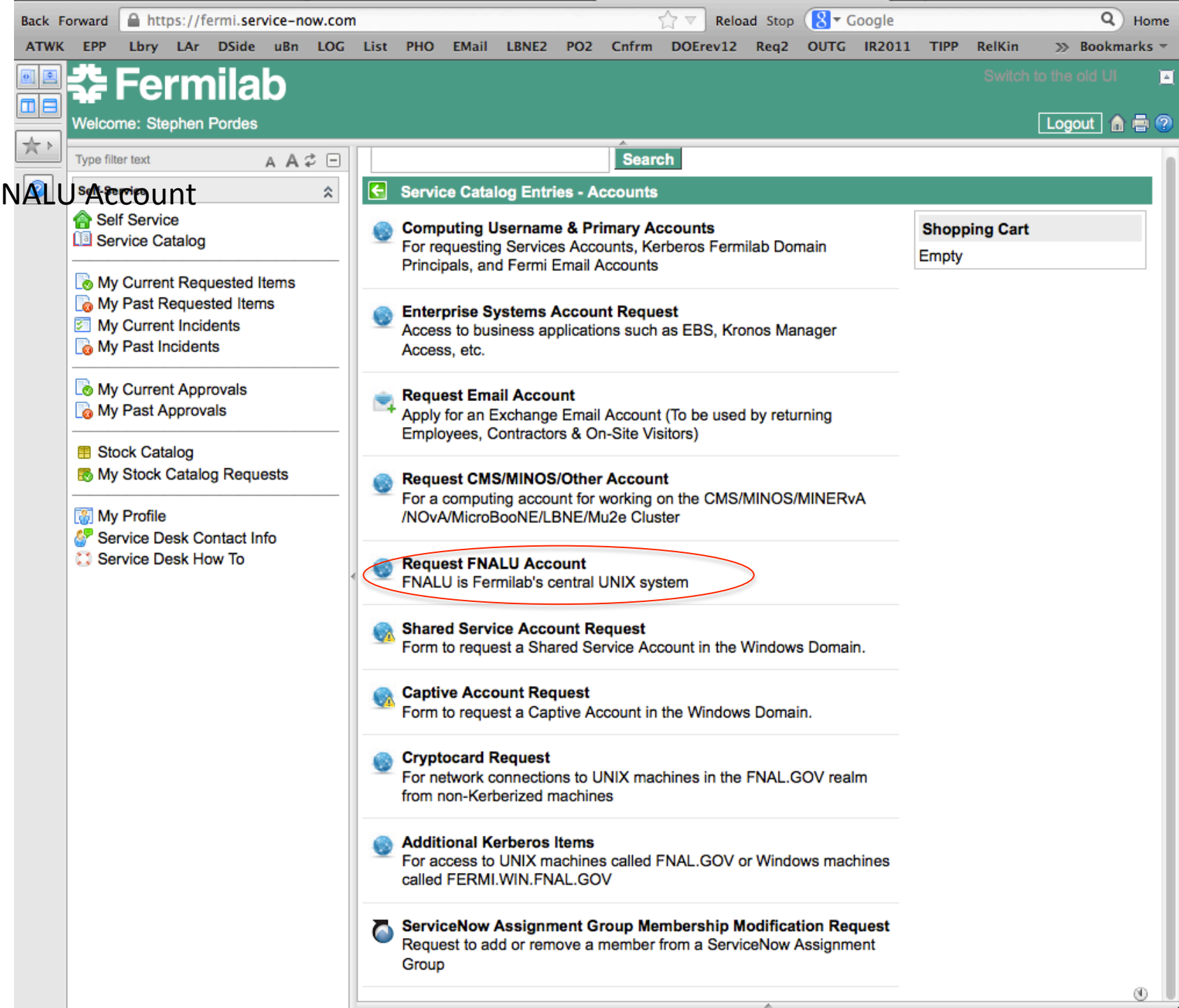
If you want to work on the DAQ machines, please send a mail to ds50-artdaq@fnal.gov (from a .edu, .infn.it, or fnal .gov address)

Once you have your email to say you have your account, go to `fermi.service-now.com' – login with your username and password to see this page.

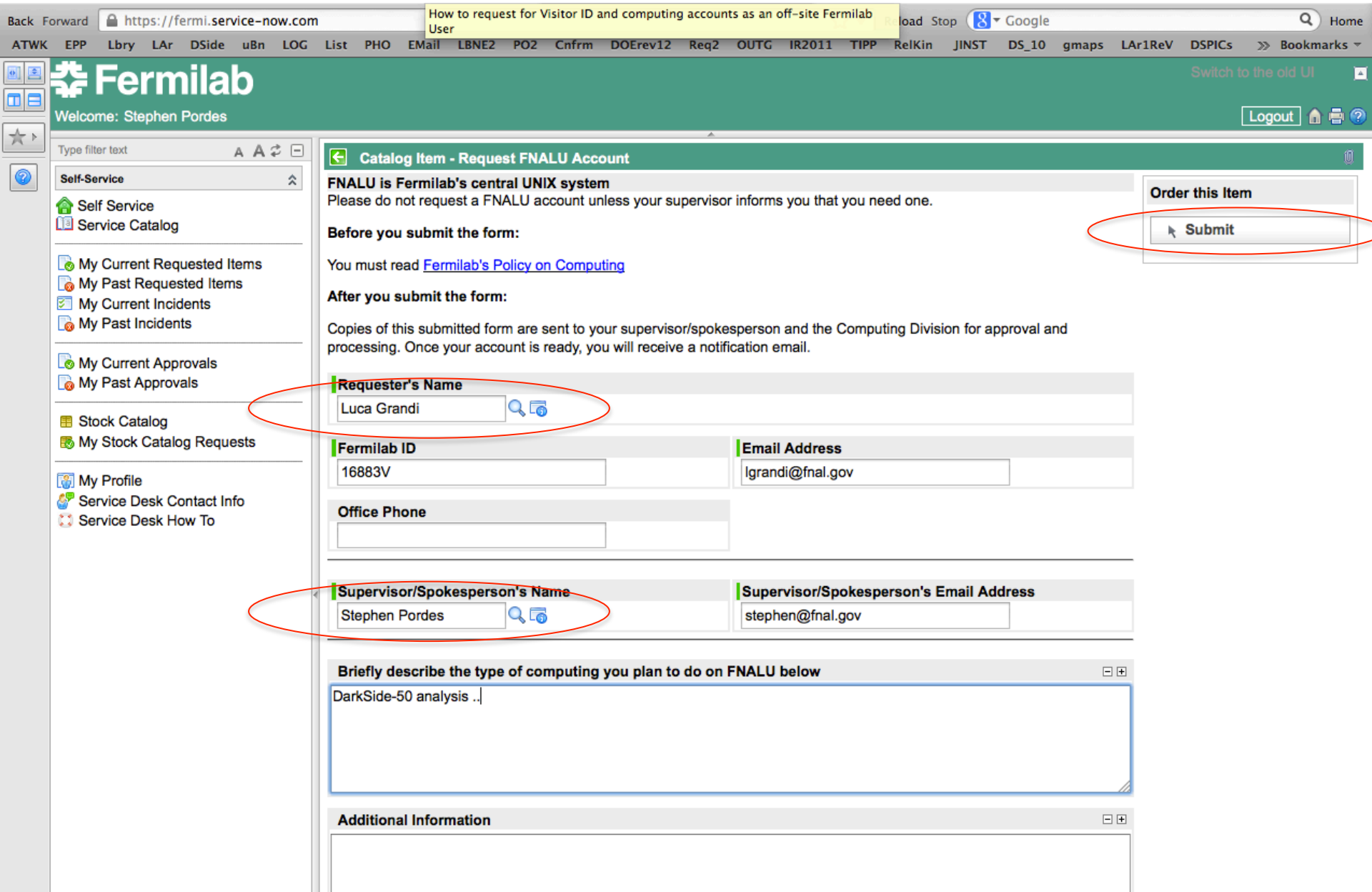
Select
Request New/ Renew Accounts



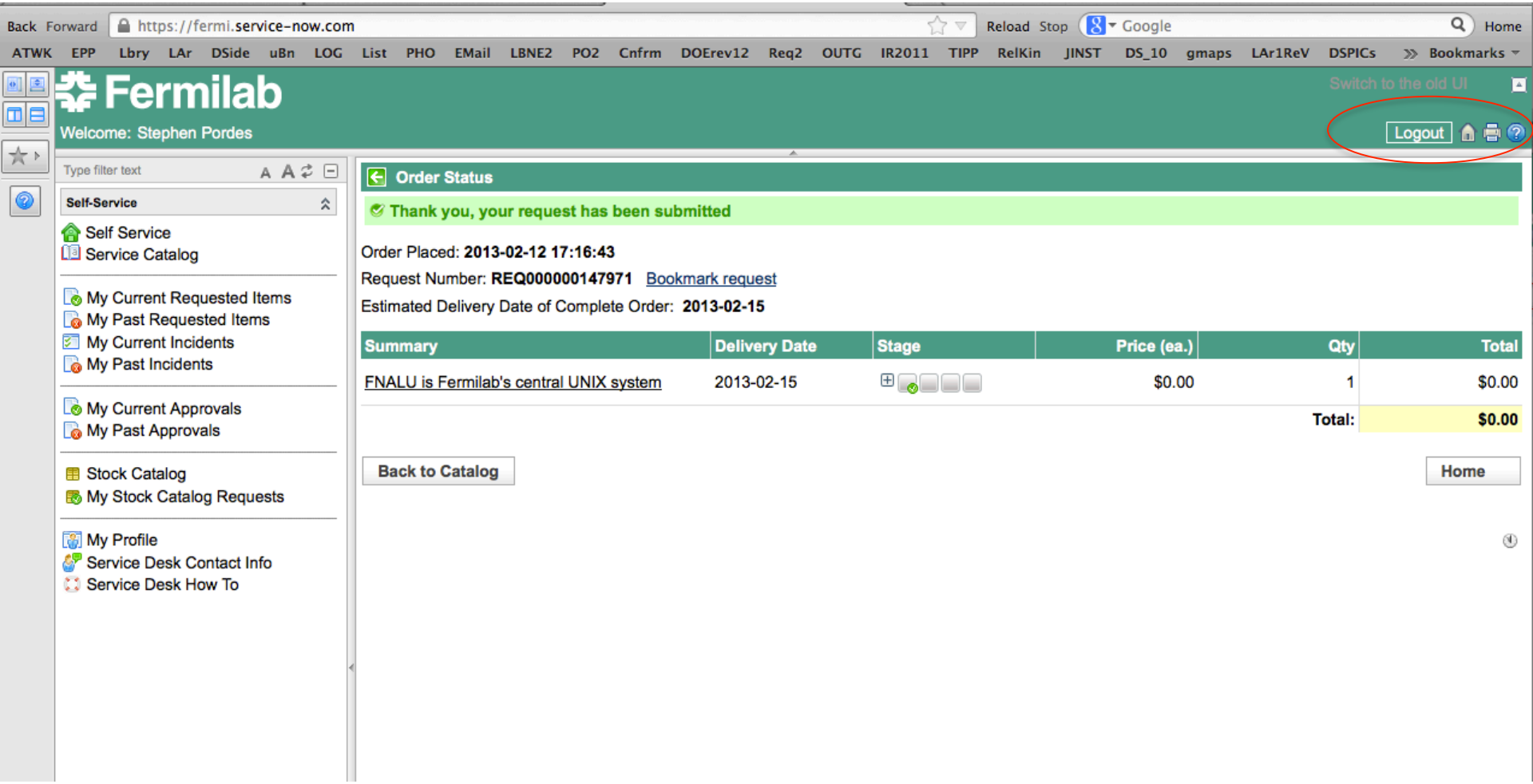
Select
Request FNALU Account



Put in your name – the Fermilab ID and Email address should come up automatically.
Put in my name - my email should come up automatically - and press Submit



The price, as we say, is right.



Re Kerberos & ssh:

From Shawn Westerdale:

If you want to get Kerberos working, you should install the latest version of Kerberos on your computer (krb5). The latest version of Kerberos uses a stronger encryption method than what FNAL uses, though, so in order to be able to ssh into the FNAL machines, you have to enable weak encryption. To do so, go to your krb5.conf file (presumably located at /etc/krb5.conf) and under the [libdefaults] section, add the line: allow_weak_crypto = true

From the Fermilab folks:

Currently we support the weakest DES level of encryption and have plans to move to a default of 3DES (not sure when this will happen). We are starting the process to replace the KDCs (new hardware/new OS) and upgrade the KDC software (current release of Heimdal Kerberos probably). When that process completes, we will embark on upgrading to a high encryption level (AES-256 or something). All these changes will be announced as they approach.

Your question about "allow_weak_encryption" is correct. The default Fermilab krb5.conf is shipped with this enabled. See http://security.fnal.gov/cookbook/ under Kerberos for the templates for non-SLF Linux and for Mac OS X (SLF gets krb5.conf via the krb5-fermi-config RPM).

Note that even once we move the default encryption level to a higher level, we will probably continue to (on the KDCs) allow weaker encryption levels due to not being able to control the clients precisely.